

### Medical Alert Posted for Orthopantomograph OP100 (1/03)

DIS has become aware of a potential problem with the Orthopantomograph® OP100 panoramic radiograph unit (Instrumentarium Imaging, Inc.). The Air Force Medical Logistics Office (AFMLO) has posted a Medical Equipment Device Alert.

An SF 380 action was forwarded to the Defense Support Center Philadelphia (DSCP) noting that film cassettes can be loaded into the OP100 backwards, producing a reverse image of the patient. In this situation, the "right" or "left" radiographic markers of the film will, in fact, represent the opposite (incorrect) side and can increase the potential for wrong site surgery. Although the springs of an improperly loaded cassette can be observed on the processed film, the images are at the lateral borders of the film and may not be readily apparent to providers not familiar with this potential problem. Facilities with this panoramic unit should consider posting warning labels or signs on the



panoramic unit. The USAF Oral and Maxillofacial Radiology

Consultant further recommends taping a piece of lead foil in the shape of an "X" on the back of the cassette that will serve as an indication on the processed film that the cassette had been improperly loaded. This recommendation can serve as a safeguard to prevent the inadvertent processing of a reverse-image panoramic film, regardless of the type of panoramic unit.



**UPDATE** (1/04) Instrumentarium Imaging has introduced a modification for the OP100, OC100 and OrthoID radiographic units. The design change will allow film cassette insertion into units only in the correct orientation and this change is intended to prevent inadvertent backward placement of the cassette into the unit that will result in a reverse-image film. For additional information, [click here](#).

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### Instrumentarium Imaging Announces Panoramic Radiography Modifications (3/04)

Instrumentarium Imaging has introduced a modification for the OP100, OC100 and OrthoID radiographic units. The design change will allow film cassette insertion into units only in the correct orientation and this change is intended to prevent inadvertent backward placement of the cassette into the unit that will result in a reverse-image film. The revision involves the addition of asymmetric pins to the top of the 15 x 30 cm film cassette and custom cassette holder guides that necessitates insertion in only one orientation.

#### New Cassette Design with Pins

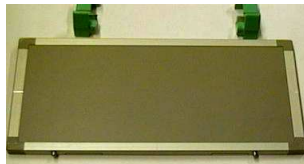


### Insertion of New Cassette into Modified Tunnel



Existing units can be upgraded with the purchase of kit that contains both the new tunnel end guides and cassettes.

### Upgrade Kit



Upgrade Kit Type	Kit code
Cassette with Kodak Lanex Medium screens with guides	60761
Cassette with Kodak Lanex Regular screens with guides	60762
Cassette with Kodak Ektavision screens with guides	60763
Cassette without screens with guides	60764

Existing cassettes can be used but will require shipment to the manufacturer for the proper placement of guide pins. To date, the manufacturer has not provided government prices or the time involved for factory upgrade. For pricing and further information please contact Instrumentarium Imaging (800) 558-6120, (414) 747-1030, (414) 481-8665 FAX or [info@usa.instrumentarium.com](mailto:info@usa.instrumentarium.com)

For a copy of the manufacturer's technical bulletin please click [here](#).